





Ship Sermon of Barth

JOURNAL, from Callao

towards Gibraltar

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of
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Saturday 12th June 1849

This day's Log, Commences off Staten Land with a very heavy Gale from the N.W. - The Log Book and all other acts of the Monuments of the voyage being lost in the storm.

The ship running before the wind with the lower topsails and fore sail set sea running very high and short wind increasing and blowing furiously in squalls sea running very irregular at 10:30 AM a heavy sea broke over the ship's deck on both sides at the same time carrying away both cutter boats Davis and every thirty watched the sea filled the decks completely full to the rail forward and aft which settled her so deep in the water that the next heavy sea broke over the stern washing the men from the wheel, forward sky light off all the doors and windows in the forward end of the after house filled the cabin completely full of water, stove every piece of furniture, all the stores 1500 lbs of bread all the charts & barometers & compasses, clothing bedding, finally washing every thing out of the cabin, stove in the doors and windows of the engine shop and sail room where all the span laid down, sails gear, span blocks, hammer and tools were stored. They all washed out of the house and overboard.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of
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The sea burst in the doors of the forward end of the Poop deck filled the Poop full of water, in the Poop were stowed all our cans of preserved meats and other stores also some coils of rope and span rigging and 4 cases and 2 trunks which were shipped as freight they also stove and washed all to pieces, the contents of the cases and trunks washing all over the decks with the water and rising every thing in a perfect wreck the sea washing the people all around the decks bodily injuring 6 of the seamen and 2 mates every one able doing all in their power to save the ship and articles washing along weather extremely cold much snow and ice

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Sunday	day of	13th June	1869	
1			Commences with a terrible storm and sea. The ship's decks full of water as high as the rail. The ship settled very low in the water so that every sea swept over her fore and aft. Friday the sea was washing the whole top off the ship. we attended to get sail off her and have too started the main topsail sheet in order to draw it up when it blew all to gags. The fore main topsail sheet parted. Shivering the end of the main yard badly. The sail blew all to pieces. The fore sail and fore topsail blew all to pieces before they could be secured; at 6 PM succeeded in getting the ship have too on the port tack under the main topgallant. The ship settled very low in the water having the appearance of considerable water in her pumps. and worked all possible the sea often washing the men away from them. The sea breaking all over the port side of the ship striking her very heavy. The starboard side intire under water every man nearly perished with the cold and wet. Not a dry thread of any thing on board the ship. Most of the cooking utensiles washed out of the galley. The galley stove useless for the present. Midnight the gale begins to abate sea little more regular all the people that are able employed trying to save things which are washing round the decks and breaking. The pumps all the time. 8 AM heavy swells blew the topgallant sails and royals from their gaskets were obliged to cut the fore topgallant sail and main topgallant sail. The ship adrift from the yards in order to save the spars succeeded in making the others fast all staved and torn badly. 10 AM the weather more favorable. got the upper topsails repaired and set and left the ship off before the wind which is gradually blowing to the north and westward. get all the water out of the ship the ship spars broken which were all washed from their fastnings. The bolts drawn intirely out in several places so ends this day. No clouds.								
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1			To save things which are washing round the decks and breaking. The pumps all the time.					
2			8 AM heavy swells blew the topgallant sails and royals from their gaskets were obliged to cut the fore topgallant sail and main topgallant sail. The ship adrift from the yards in order to save the spars.					
3			succeeded in making the others fast all staved and torn badly.					
4			10 AM the weather more favorable. got the upper topsails repaired and set and left the ship off before the wind which is gradually blowing to the north and westward.					
5			get all the water out of the ship the ship spars broken which were all washed from their fastnings. The bolts drawn intirely out in several places so ends this day.					
6			No clouds.					
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Monday	day of	14th June	1869
1	6		ESE	W		Commences with a strong gale from the north and westward.				
2	5					very hard and snow falls.				
3	5					Ship kept before the sea and wind with reefed upper topsails set which is all the canvas that is suitable to set people employed.				
4	5					Cutting up the standing sail and other lower sails to repair others every one suffering with the extreme cold for the want of dry clothing every thing in a perfect wreck all were the ship.				
5	5									
6	5									
7	5									
8	5									
9	5									
10	5									
11	5									
12	5									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Tuesday	day of	15th June	1869
1	4		E NE	North		Commences with moderate baffling				
2	4					get a lower fore and main topgallant sail set and main topgallant sail all in a bad condition.				
3	4									
4	4									
5	4									
6	4									
7	3									
8	3									
9	3									
10	3									
11	3									
12	3									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1	5		ENE		North	Commences with light airs and Clouds running northwards	Wednesday	16
2	3							
3	3							
4	4		NE		North			
5	4							
6	4							
7	4							
8	4							
9	4							
10	4		ENE		North	Pumps attended		
11	4							
12	3							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1	4		East		North	Commences with light North wind all sails set	Thursday	17th June 1860
2	4							
3	4							
4	4		NE		North	first part hazy and foggy		
5	4							
6	4							
7	4							
8	4							
9	4							
10	4		ESE		North	ends with light airs and clouds break all sails set		
11	4							
12	4							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1	3							
2	3							
3	2							
4	2							
5	2							
6	2							
7	2							
8	2							
9	2							
10	0							
11	0							
12	11							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

JOURNAL, from

towards

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
II	III	IV	V	VI	VII	VIII	IX	X	XI

H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	Remarks, day of 19th June 1869
1	7		NE	NW		Started this day Comes on with fresh breezes and cloudy weather topgallant sails set
2	7					
3	7					
4	6					Middle part Moderate wind Northw.
5	6					
6	6					
7	6					Latter part fresh Northw. wind and hail and rain by allts wind baffling and all possible sails set
8	6					
9	6					
10	6					
11	6					
12	6		NESE	NW		Rainy weather
1	6					
2	6					NB Observation
3	6					
4	5					
5	5					
6	5					
7	5					
8	6		ENE	North		
9	6					
10	6					
11	6					
12	6					
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.		

4692

JOURNAL, from

towards

JOURNAL, from *Callao*towards *Gibraltar*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Tuesday	day of	22d June	1869
1	6		NEgN	NW		Commences with fresh Breezes and thick hazy rainy weather				
2	6					all possible sails set				
3	6					forward spalls and heavy gusts of wind				
4	6									
5	5									
6	5									
7	5									
8	5									
9	5		"	EgN	North					
10	5					at 4 PM tacked to the				
11	5					West ward high sea running from				
12	5					West ward				
1	5									
2	5									
3	4		"							
4	4									
5	4		WgN	"						
6	4									
7	4									
8	4									
9	4									
10	4									
11	4									
12	3		"	"						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
				43 29					

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Wednesday	day of	23d June	1869
1	3		WgN			Commences with Moderate Breezes and hazy spalls weather				
2	4		NEgN			sea running from the Westward				
3	5		"			and N.W. at 1 PM tacked to Eastward				
4	6					at 4 PM heavy spalls filled topgallant sails with fiber				
5	6		"							
6	6		NEgN	NW						
7	7									
8	7									
9	7									
10	7									
11	7									
12	7		NNE	NW						
1	7									
2	6									
3	6									
4	6									
5	6		NEgN							
6	6									
7	6									
8	6									
9	6									
10	6									
11	6									
12	6		"	"	NW					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from *Gibraltar*

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Thursday	day of	24th June	1869
1	6		WgN	NW	abt	Commences with strong Breezes and				
2	6					spalls and heavy rainy weather				
3	6					heavy sea running from the NW				
4	6					middle part more moderate				
5	6					set topgallant sails				
6	6					ends with very light Baffling				
7	6					winds and Calms all sails set				
8	6					high sea running causing the				
9	6					ship to labor and strain heavily				
10	6									
11	6									
12	6									

Pumps attended
Leat in gills
37'20"

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Friday	day of	25th June	1869
1	8		NEgE			Commences with light Baffling				
2	0					winds and some spalls				
3	1					at 4 tacked to the North and				
4	2		"			Westward				
5	3		NEgN			at 8 PM fresh NE winds and				
6	4					rain filled topgallant sails high				
7	5					sea running from the westward				
8	5					middle part much the same				
9	5					ends with very light Easterly				
10	6					and Calms				
11	6		"							
12	6		NEgN							
1	6									
2	6									
3	6									
4	6									
5	6									
6	6									
7	5		NW							
8	4									
9	4									
10	3									
11	2									
12	2									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,				
1	2		Ww	Nth		Saturday day of 26th June 1869				
2	2		Runtd			Commences with very light Baffling winds and haining weather all sails set				
3	2					at 4 PM tacked to the North and East wind filled light sails				
4	3					at 8 PM tacked to the North and westward and haining and hawing from Nw to NE				
5	3		NESE							
6	3					at 9 PM sylls clewed up top galant sail before they could be made fast a heavy syall struck the ship from the Nw split the foretopgallant sail fil for topmast stay sail upper main topsail badly filled all sails except the lower fore and main topsails continue to blow a perfect hurricane during the syalls very high cross sea running at 1 AM were ship to the North and East wind from Nw to NW ends with a strong Gale				
7	4					Pumps attended				
8	4									
9	5									
10	5		Ww							
11	5									
12	5									
1	5									
2	4		NNE	Ww						
3	4									
4	4									
5	4									
6	4									
7	4		Nw							
8	4									
9	4									
10	4		Ww							
11	4									
12	4									
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.	Altitude
				37 22	10 00					

towards

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,				
1	5		NNE	Ww		Sunday day of 27th June 1869				
2	4					Commences with a strong Gale and high sea running from Nw				
3	4					at 1 PM set fore and main upper topsails and kept off NNE				
4	3					Saw a light ship steering the same course				
5	3									
6	3									
7	4									
8	4									
9	4									
10	4									
11	6									
12	6		NESE	Ww						
1	5									
2	5									
3	4									
4	4									
5	4									
6	4									
7	3									
8	3									
9	3									
10	3		NNE	Nw						
11	3									
12	3									
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.	

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,				
1	4		NNE	Ww		Sunday day of 27th June 1869				
2	4					Commences with a strong Gale from North and Westward				
3	4					Varriing 4 Points Blowing heavy Nw syalls causing the sea to be high and short and irregular making the ship labor heavily and ship long quantities of water on deck				
4	4									
5	4									
6	4									
7	4		NESE							
8	4									
9	4									
10	4									
11	4		North	Ww						
12	5									
1	5									
2	5									
3	4									
4	4									
5	5									
6	5									
7	5									
8	5									
9	5									
10	5									
11	5									
12	5									
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.	

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

Pumps attended

Scator 35.34"

Pumps Carefully attended

Scator 35.34"

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks, <i>Wednesday</i> day of 30 June 1869
1	3		NNE	NW		Commences with Moderate Breezes and passing Clouds all possible Sails set
2	3					
3	3					
4	3					
5	3					
6	4	1	NE by E			at 8 PM it commenced to Blow furiously in Squalls fired all the topgallant-sails Main sail Spanker outer jib
7	4					
8	6		North			
9	6					
10	6					
11	6					
12	6	4				Middle part much the same
1	6		NE by E	NW		
2	6					
3	6					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks, <i>Thursday</i> day of 1 July 1869
1	5		NE by E	NW by N		Commences with a strong Breeze and rainy weather
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	4					
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	5		West			
9	5					
10	5					
11	5					
12	5					

29° 27'

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks, <i>Friday</i> day of 2 July 1869
1	5		NNE	NW		Commences with strong Breezes and Squally weather all possible sails set
2	5					
3	5					
4	6					
5	6					
6	7					
7	7					
8	7					
9	7					
10	7		North	W NW		
11	7					
12	7					
1	7					
2	7					
3	7					
4	7					
5	7					
6	7					
7	6					
8	6					
9	6					
10	6					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks, <i>Saturday</i> day of 3 July 1869
1	5		NNE	NW		Commences with a strong Breeze and Squally weather
2	5					
3	5					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6		North	W NW		
12	6					
1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

JOURNAL, from

toward

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks, <i>Sunday</i> day of <i>4th July</i> ¹⁸⁶⁹
1	4		<i>NNE</i>	<i>WwW</i>		Commences with moderate Breezes and cloudy weather a sails set
2	3					
3	3					
4	3					
5	3					
6	3					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					
1	2					
2	2					
3	2					
4	4					Pumps attended
5	4					
6	5					
7	5					
8	5					
9	6					No Observation
0	6					
1	6					
2	6					
3						
4						
5						
6						
	"	"		"	"	

Thos. G. Knight, Stationer and Blank Book Manufacturer, Park-Block, Bath.

JOURNAL, from

towards

H.	K.	JK.	COURSES.	WINDS.	LEEWAY.	Remarks,	Tuesday	day of	July 6th	1869
1	3		NE	WNW						
2	3									
3	3									
4	3									
5	3									
6	3									
7	3		NE	SW						
8	3									
9	3									
10	3									
11	3									
12	3		South							
1	3									
2	6									
3	7									
4	8									
5	8									
6	8									
7	8									
8	8									
9	8									
10	8									
11	8									
12	8		" "	East						

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Wednesday	day of	1869
1	8		NNE	Easterly		Commences with fresh Breezes			
2	8					Squally weather all sails set			
3	8					Wind veering from ENE to ESE			
4	8					a Breeze steering the same			
5	8					way			
6	8					middle part fresh Breeze			
7	8					garry			
8	8								
9	8					Ends with fresh Breezes			
10	8					Sunshine and rainy weather			
11	8					wind from ESE to NE			
12	8								
1	8								
2	8								
3	7								
4	7								
5	7								
6	7								
7	7								
8	7								
9	6								
10	6								
11	6								
12	5								
Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	7		N $\frac{1}{2}$ E	East		
2	7					
3	8					
4	8					
5	8					
6	9					
7	9					
8	9					
9	9					
10	9					
11	9					
12	9					
1	9					
2	9					
3	9					
4	9					
5	9					
6	9					
7	9					
8	9					
9	9					
10	9					
11	9					
12	8	" "	SE $\frac{1}{2}$ E			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	9		N $\frac{1}{2}$ E	ESE		
2	9					
3	9					
4	9					
5	10					
6	10					
7	10					
8	10					
9	10					
10	10					
11	10					
12	10					
1	10					
2	10					
3	10					
4	10					
5	10					
6	10					
7	9	"				
8	9	"				
9	9	"				
10	9	"				
11	9	"				
12	9	"				

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

10'10" S

Seat in gills

10'10" S

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	9		N $\frac{1}{2}$ E	ESE		
2	9					
3	9					
4	9					
5	9					
6	9					
7	9					
8	9					
9	9					
10	9	"				
11	9	"				
12	9	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	8		N $\frac{1}{2}$ E	SE		
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	7					
9	7					
10	7					
11	7					
12	7					
1	7					
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

Callao

towards

Gibraltar

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Mond ^{ay} day of 12 th 1869
1	7		NE. G. N. N.			Commences with Moderate Breezes and passing Clouds	
2	7					occasional a severe rain squall	
3	7					all drawing sails set	
4	7					Middle part much the same	
5	7					latter part moderate breezes	
6	7					and clear weather all sails set	
7	7					one Rock in sight	
8	7					clearing same way	
9	7					Pumps attended	
10	7					Latitude by Obs	
11	7					01° 22.1	
12	7					" "	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Tuesday day of 13 th July 1869
1	6		NE. G. N. E. S. E.			Commences with Moderate Breezes and passing Clouds	
2	6					all sails set	
3	6					Middle part the same	
4	6					ends with moderate breezes	
5	6					and clear weather	
6	6					set drawing sails	
7	6					Pumps attended	
8	6					Latitude 108° N	
9	6					" "	
10	6					" "	
11	6					" "	
12	6					" "	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

JOURNAL, from

towards

P. J.

Wednesday day of 14th July 1869

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Wednesday day of 14 th July 1869
1	7		N. N. E.	S. E.		Commences with moderate breezes and clear weather all sails set	
2	7					Middle part much the same	
3	7					ends with a moderate	
4	7					S. E. wind and passing	
5	6					Clouds all sails set	
6	6					Pumps Carefully	
7	6					attended	
8	6					Latitude Obs	
9	6					03° 56" N	
10	6					" "	
11	7					" "	
12	7					" "	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Thursday day of 15 th July 1869
1	7	1/2	N. N. E.	S. E.		Commences with Moderate Breezes and passing Clouds all sails set	
2	7	1/2				Middle and latter parts the same	
3	7	1/2				Pumps attended	
4	7	1/2				Latitude Obs	
5	7	1/2				06° 56" N	
6	7	1/2				" "	
7	7	1/2				" "	
8	7	1/2				" "	
9	7	1/2				" "	
10	7	1/2				" "	
11	8	1/2				" "	
12	8	1/2				" "	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Thursday day of 15 th July 1869
1	7	1/2	N. N. E.	S. E.		Commences with Moderate Breezes and passing Clouds all sails set	
2	7	1/2				Middle and latter parts the same	
3	7	1/2				Pumps attended	
4	7	1/2				Latitude Obs	
5	7	1/2				06° 56" N	
6	7	1/2				" "	
7	7	1/2				" "	
8	7	1/2				" "	
9	7	1/2				" "	
10	7	1/2				" "	
11	8	1/2				" "	
12	8	1/2				" "	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

JOURNAL, from

Callao

towards Gibraltar

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	4		NNE	NE		Friday day of 16th July 1869
2	4					Commences with moderate
3	4					Breezes and passing clouds
4	4					all sails set
5	4					
6	4					Middle part light and
7	5					variable winds
8	5					
9	5					latter part wind all around
10	5					The compass much gain
11	5					all sails trimmed to best
12	5					advantage
1	5					Pumps attended
2	5					
3	4					Latitude
4	4					08°47' N
5	4					
6	4					
7	4					
8	4					
9	3					" Nearer from
10	3					all Points
11	3					the Conroy
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3		N E N			Saturday day of 17th July 1869
2	3			Variable		Commences with light Baffling
3	3					winds and much gain
4	3					wind from all points the Conroy
5	3					all sails set and trimmed to
6	2					best advantage
7	2					Middle part Calm
8	2					
9	2					
10	0					latter part moderate breezes for
11	0					South and West ward few vessels
12	0					steering to the Southward
1	0					Pumps attended
2	0					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

Sunday day of 18th July 1869

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3		N E E	SSW		Commences with light
2	3					Beating winds from South and
3	3					Westward all sails set and
4	3					Trimmed to advantage
5	4					Several vessels in sight
6	4					all steaming Southward
7	4					
8	4					
9	4					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

Callao

towards

Gibraltar

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Tuesday	day of	20th July 1869
1	2		NNE						
2	2								
3	2								
4	2								
5	2		Variable						
6	2		throughout						
7	2								
8	2								
9	2								
10	1								
11	1								
12	0								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Wednesday	day of	21st July 1869
1	0		Calm						
2									
3									
4									
5									
6									
7									
8	0								
9	1		NNE						
10	2		Variable						
11	2								
12	2								
1	2								
2	2								
3	2								
4	2								
5	2								
6	2								
7	2								
8	1								
9	0								
10									
11									
12	0		Calm						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

Gibraltar

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Thursday	day of	22d July 1869
1	0								
2									
3									
4									
5									
6									
7	0								
8	1	m	NNE						
9	1	"							
10	1	"							
11	1	"							
12	2								
1	2								
2	2								
3	2								
4	2								
5	2								
6	2								
7	1								
8	1								
9	1								
10	1								
11	1								
12	1								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Friday	day of	23d July 1869
1	1		NE	Not					
2	1								
3	1								
4	1								
5	1								
6	1								
7	2								
8	2								
9	2								
10	2								
11	2								
12	2								
1	2								
2	2								
3	2								
4	2								
5	2								
6	1	"							
7	1	"							
8	1	"							
9	1	"	Wh						
10	1	"	NE						
11	1	"							
12	1	"							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from *Callao*towards *Gibraltar*

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	1		<i>SW Nw</i>			Saturday day of 24 July 1869
2	1					Commences with light
3	1		<i>Baffy Nibbles</i>			Backing aros and Calms
4	1					Middle and latter parts
5	1					the same
6	1					all sails trimmed
7	1					To best advantage
8	2					Ramps attended
9	2					
10	2					
11	2					
12	2					
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	2		<i>NW N</i>	<i>NE</i>		Sunday day of 25th July 1869
2	2					Commences with very moderate
3	2					wind from the N and E
4	2					hard gradually hailing to East
5	2					tard
6	3		<i>Nf E</i>	<i>East</i>		Middle part light and Baffy
7	3					ends with very moderate
8	3					<i>SE</i> wind and passing Cloud
9	3					all sails set
10	3					Ramps attended
11	3					
12	3					
1	3					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
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4	4					
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7	4					
8	4					
9	4					
10	4					
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12	4					
1	4					
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3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
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12	4					
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12	4					
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12	4					
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9	4					
10	4					
11	4					
12	4					
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7	4					
8	4					
9	4					
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11	4					
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4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					

JOURNAL, from

Callao

towards Gibraltar

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Wednesday	day of	28th July	1869
1	5		N $\frac{1}{2}$ W.	NE						
2	5					Comences with Moderate Breeze				
3	6					Wind hazy Overcast weather				
4	6					Some rain all sails set and				
5	6					Trimmed to best advantage				
6	6					Middle and latter parts				
7	6					Much the same				
8	6					Rumps attended				
9	6					Leatin				
10	6					19'47" N				
11	6									
12	6									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Thursday	day of	29th July	1869
1	6		N $\frac{1}{2}$ W.	NE		Comences with Moderate				
2	6					Breezes and Cloudy weather				
3	6					all sails set				
4	6					Middle and latter parts the				
5	6					same				
6	6					Rumps attended				
7	6					Leatin				
8	6					21'49" N				
9	6									
10	6									
11	6									
12	6									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Friday	day of	30th July	1869
1	6		N $\frac{1}{2}$ W.	E. NE		Comences with Moderate Breezes				
2	6					and passing Clouds all sails				
3	6					set and trimmed to best advantage				
4	6					Middle part fresh Breeze				
5	6					some rain by alto				
6	6		N $\frac{1}{2}$ E	E. N. E.		latter part the same				
7	6					all Sails set				
8	7					Rumps attended				
9	7					Leatin				
10	7					24'24" N				
11	6									
12	6									

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Saturday	day of	31st July	1869
1	8		N $\frac{1}{2}$ E	E. N. E.		Comences with fresh Breezes				
2	8					and passing Clouds all sails				
3	8					set				
4	8					Saw two Bries steering to				
5	8					west ward				
6	8		North	E. N. E.		Middle and latter parts				
7	8					fresh Breezes and passing				
8	8					Clouds all Sails set				
9	8					Rumps attended				
10	8					Leatin g alto				
11	8					27'25" N				
12	8									

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from *Callao*towards *Albralter*

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	8		NE	ENE		Sunday day of August 1869
2	8					Commences with fresh ENE Wind
3	8					and Cloudy weather all sea days set
4	8					Middle part much the same
5	8					latter part Moderate
6	8					and Agg. rain Clouds passing over
7	8					Pumps regularly attended
8	8		NE	EGNE		Latitude 30° 00' S
9	8					
10	8					
11	8					
12	8					
1	7	11	4			
2	7	11	NE	ENE		
3	7	11				
4	7	11				
5	7	11				
6	7	11				
7	7	11				
8	7	11				
9	7	11				
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	6		NE	Easterly		Sunday day of August 28 1869
2	5					Commences with Moderate
3	5					Breezes and Cloudy weather
4	5					all sails set
5	6					Middle part light and
6	5					baffling
7	5					latter part baffling
8	4					calm
9	4					Pumps attended
10	4					
11	4					
12	4					No Observation
1	4					
2	4					
3	4					
4	4					
5	4					
6	4		NE	Easterly		
7	3					
8	3					
9	3					
10	2					
11	2					
12	2		NE	Variable		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from *Albralter*

towards

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	2		NE	Easterly		Tuesday day of 28 August 1869
2	2			and		Commences with very light Baffling
3	2			Northerly		Easterly winds
4	2					all sails set and
5	2					turned to beat advantage
6	2					Middle part the same
7	2					latter part light baffling
8	2					airs and Calm
9	2					Pumps attended
10	2					Leath in full
11	2					32° 09' S
12	2					
1	2					
2	2					
3	2					
4	2					
5	1					
6	1					
7	1					Variable
8	1					and
9	1					Calm
10	1					
11	1					
12	1					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	1	11	NE	North		Wednesday day of 4th Aug 1869
2	1	11		and		Commences with light baffling
3	1	11		Easterly		North and Easterly winds and
4	1	11				Calm
5	1	11				Middle part Calm
6	1	11				latter part very light
7	1	11				Easterly Wind
8	1	11				Pumps attended
9	1	11				Leath in full
10	1	11				32° 37' S
11	0					
12						
1						
2	0					
3	1					
4	1					
5	1					
6	1	11				
7	1	11				
8	1	11				
9	1	11				
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

Callow

towards *Chalt*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Leeward	towards Gibraltar
1	1	$\frac{1}{2}$	NE				Richard	day of 5th Aug 1869
2	1	$\frac{1}{2}$						
3	1							
4	0							
5	0							
6								
7								
8	0							
9	1							
10	1							
11	1							
12	2							
1	2							
2	2							
3	2							
4	2							
5	2							
6	2							
7	2							
8	2							
9	2							
10	2							
11	2							
12	1							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Friday	day of	6th August 18
1	2		NW	NE		Commences with very light Breeze from Eastward Clear all sails trimmed to the middle part the same			
2	3								
3	3								
4	3								
5	3								
6	3								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								
1	4								
2	4								
3	4								
4	4								
5	5								
6	5								
7	5								
8	5								
9	5								
10	5								
11	5								
12	5		Do						
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

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JOURNAL, from

towards

arks, Sunday, 7th Aug day of

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.	day of	18
1	4		N β W	E β W		Commences with light Breezey winds and passing clouds		
2	4					all sails set		
3	5					at 6 P.M. backed to the South and East ward		
4	5							
5	5							
6	5							
7	5		SE β W	Easterly		at 11 P.M. backed to the North and East ward		
8	5							
9	5							
10	5		SE			ends with a moderate		
11	4		—	—		ESE wind and passing clouds		
12	4		NE β E					
1	4					Ramps attended		
2	5							
3	4							
4	5							
5	5							
6	5							
7	5							
8	5							
9	5							
10	5							
11	5							
12	5		" "					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from *Callao*

towards *Gibraltar*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1	5		NE	EE		Commences with fresh Breeze and passing Clouds a favorable sail set and trim to advantage	9	August
2	5-							
3	5-							
4	5-							
5	5-							
6	5-							
7	5-							
8	5							
9	5							
10	6-							
11	5							
12	5-							
1	4							
2	4							
3	4							
4	4							
5	4							
6	4							
7	4							
8	4							
9	3		SE	East		Pumps attend		
0	3							
1	3							
2	3							

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JOURNAL, fr

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks, <i>Wednesday 11th Aug</i> day of 1869
1	4		<i>270°</i>	<i>ESE</i>		Commences with very light Easterly winds and Calms all Sails set
2	3					middle part the same
3	3					ends with very light Easterly winds and Calms
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3		<i>Easterly</i>			<i>Leath's</i>
11	3					<i>34' 60"</i>
12	3					
1	3					
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
H.	K.	2K.	COURSES.	WINDS.	LEEWAY.	Remarks.			
1	3		SE			Thursday day of 12th August 18			
2	3					Converges with very light			
3	3					Easterly winds all sail			
4	3					Middle and latter parts to			
5	3					Ship kept on the tack			
6	3		Easterly			she would make the land			
7	3					Ramps after			
8	3					1800			
9	3					Sun close			
10	3								
11	3		NE						
12	3								
1	3								
2	3								
3	3								
4	3								
5	3								
6	3		SE						
7	3								
8	3								
9	3								
10	3								
11	8								
12	12		NE						

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JOURNAL, from

towards

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Friday	day of 13th	1869
1	8		NESE						
2	8			Easterly					
3	8								
4	8								
5	8								
6	2								
7	2								
8	2								
9	2								
10	2								
11	0								
12	0								
1	0								
2	0								
3	1								
4	2								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Saturday	day of 14th August	1869
1	3		SE	Easterly					
2	3								
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								
1	3								
2	3								
3	3								
4	2								
5	2								
6	2								
7	1								
8	1								
9	1								
10	1								
11	2								
12	2								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

towards

JOURNAL, from

towards

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Sunday	day of 15th August	1869
1	3		NE						
2	3			Easterly					
3	3								
4	3								
5	2								
6	2								
7	2								
8	2								
9	2								
10	2								
11	2								
12	2								
1	2								
2	2								
3	2								
4	2								
5	2								
6	2								
7	3								
8	3								
9	4								
10	4								
11	3								
12	3								

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JOURNAL, from

Callao

towards Gibralter

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Wednesday	day of	1869
1	3		NE	Easterly					
2	3			throughout					
3	3					Comences with very light			
4	3					Easterly Wind varying from			
5	3					SE to ENE Constantly			
6	3					Ship's head kept to the East			
7	3					in all favorable flaws			
8	3								
9	3								
10	3								
11	3		NNE						
12	3		SE						
1	3								
2	3								
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Wednesday	day of	1869
1	3		NNE	East					
2	3		SE			Comences with light			
3	3					bafling Easterly winds all			
4	2					Sails set			
5	2								
6	2								
7	3								
8	3								
9	3								
10	3								
11	2								
12	1	$\frac{1}{2}$							
1	1	$\frac{1}{2}$							
2	1	$\frac{1}{2}$							
3	2								
4	2								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

towards Gibralter

Tuesday day of 17 Aug 1869

Comences with very light
Easterly Wind varying from
SE to ENE Constantly
Ship's head kept to the East
in all favorable flaws

Middle and latter parts
the same
saw two vessels
both of them passing by
the Wind

Lat in 37° 28' 11"

JOURNAL, from

towards

Thursday day of 19th Aug 1869

Comences with very light Easterly
Winds and passing Clouds
all sails set Middle and
latter parts the same

Ramps attended
Lat in 35° 35' V

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Wednesday	day of	1869
1	3		SE	E					
2	3								
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

Callao

towards Gibralter

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3		SESE	NESE		
2	3					Latitude day of 21st Augt 1869
3	3					Commences with light
4	3					Baffling Easterly winds
5	3					and cloudy weather
6	3					all sails set to best
7	3					advantage
8	4					Middle and latter
9	4					parts the same
10	4					Bath 34 08 N
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	3	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	4		SESE			Sunday day of 22d Augt 1869
2	4					Commences with light baffling
3	4					Easterly wind passing Clouds
4	4					Middle and latter parts
5	4					much the same
6	4					Pumps attended
7	4					Bath 33 49 N
8	4					
9	4					
10	4					
11	4					
12	4					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5	"	"	"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

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JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	5		SESE	NE		Monday day of 23d Augt 1869
2	5					Commences with a moderate
3	6					NE wind and cloudy weather
4	5					all sails set
5	5					Middle and latter
6	5					parts the same
7	6					Pumps attended
8	6					Bath 33 48 N
9	6					
10	6					
11	6					
12	6					
1	6					
2	6					
3	6					
4	6					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5	"	"	"	"	

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

Callao

towards

Gibraltar

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3		NW	East		Wednesday day of 25th Aug 1869
2	3					Commences with very light
3	3					North and Westerly winds
4	3					and passing Clouds
5	3					Overcast Weather all
6	3					Sails set
7	3					Middle and latter parts much the
8	4					same
9	4					Pumps attended
10	4					Latitude 34° 46' N
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3		East	NW		Thursday day of 26th Aug 1869
2	3					Commences with very light
3	3					North and Westerly winds
4	3					and passing Clouds
5	3					Middle part Baffling and
6	3					Calms
7	3					end with light
8	3					air from the North and
9	3					Pumps attended
10	3					Bahia
11	2					35° 19' N
12	2					
1	2					
2	2					
3	1					
4	1					
5	2					
6	2					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
	" "								

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

Gibraltar

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3		Eg. V			Friday day of 27th Aug 1869
2	3					Commences with very light
3	3					North and Easterly winds
4	3					and Calm
5	3					end with light Baffling
6	3					North and Easterly winds
7	2		NE			Calm
8	2					
9	2					
10	2					
11	2					
12	0					
1	0					
2	0					
3	0					
4	0					
5	1		NE			
6	1					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from *Callao*towards *Gibraltar*

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	day of
1	5		Epd	NNE		Sunny	29th Augt 1869
2	5					Commences with Moderate	
3	5					Breeze from NNE	
4	5					all possible sails set	
5	5					Middle part the same	
6	5					latter part light breeze	
7	5					and Calm	
8	6						
9	6						
10	6						
11	6						
12	6						
1	5						
2	5						
3	5						
4	5						
5	5						
6	5						
7	5						
8	4						
9	2						
10	1						
11	1						
12	0						

Latitude

25° 57' N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Monday	day of
1	0					Sunny	30th Augt	1869
2	0					Commences with light		
3	1		ESE	NE		Baffling air and Calm		
4	1					weather		
5	1					Middle part the same		
6	1					ends with Slight wind		
7	0					Wind from all points the		
8	0					Compass		
9	1		1/2 east					
10	1							
11	1							
12	1							
1	0							
2	0							
3	0							
4	2							
5	1		1/2 ESE	Variable				
6	1							
7	1							
8	1							
9	1							
10	1							
11	1							
12	1							

Latitude

35° 54' N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

Tuesday day of 31st Augt 1869

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	day of
1	1		East			variable	
2	2					Commences with Slight wind	
3	4		ESE			Wind all around the compass	
4	4					Middle part light variable	
5	4		ESE			Winds and Calm weather	
6	3					ends with variable Easterly	
7	3					Winds several Breeze in sight	
8	3					all blowing the same way	
9	5						
10	5						
11	5						
12	1						
1	0						
2	1						
3	5						
4	6						
5	5						
6	6						
7	5						
8	5						
9	3						
10	3						
11	4						
12	3						

35° 48' N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Wednesday day of Sep 1st 1869

Commences with light variable Easterly winds all, sails set at 5 PM saw Tercifa Light East about 15 miles wind blowing to South and Westward

Midnight Tercifa light bearing ENE dist 6 miles wind light and variable

at 4 AM passed into the Bay of Gibraltar Came to anchor at 11 AM in 23 fathoms water filled sails and made all signs for bidding the anchorage immediately sent the ship under a strict quarantine and a Guard Boat to lay astern of the ship Captain Marcy sent a shore to see along side who came according to 4 PM said the ships orders were there at Gibraltar all ready received some burnings and letters from the shore to end this day wind fresh from N.W.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from *at Gibraltar* towards

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Thursday	day of	1869
1			This Day commences with Moderate Easterly Wind						
2			Wind S. Middle part fresh SW Wind						
3			no Orders came on Board this day Ship						
4			people all in perfect health and employed						
5			Cleaning Ship ought did and other Duties						
6			Pumps Carefully attended						
7									
8									
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Saturday	day of	1869
1			This Day commences with Moderate Easterly Wind						
2			thick haze weather						
3			at 6 PM a Boat came						
4			along side the Ship from on shore with the						
5			Clearance papers and remainder of the Stores						
6			Ordered to the Ship every thing now ready for sea						
7			Weather Calm wind slight the same at 4 AM						
8			Long						
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from towards

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Monday	day of	1869
1	4		NE	EE			comes	with light Breeze from	
2	4						the NE	all sails set	
3	4						the land in sight all along		
4	3						the North Shore		
5	1						middle part wind Baffling from		
6	1						North and westward		
7	1								
8	3		East	North					
9	5								
10	6			NNW					
11	4								
12	4								
1	4								
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4		EE						
9	4								
10	5								
11	5								
12	5								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Tuesday	day of	1869
1	5		East	West			comes	with very moderate	
2	5						Westerly winds and clear weather		
3	5						laid in light all sails		
4	5						set		
5	5						at 8 PM wind spry up		
6	4						fresh from the Eastward		
7	3						Proceed ship by the land on		
8	2						the Starboard tack stood in		
9	1			NNE			for the land at 11.30 saw a		
10	5						Revolving light on shore hoisted		
11	5								
12	5								
1	5		SE				To the southward at 7.30"		
2	5						I am hoisted to Northward		
3	5						wind fresh from Eastward light		
4	5						sails filled		
5	5						boat in gills		
6	5						36°30' N		
7	5								
8	6		NE						
9	6								
10	6								
11	6								
12	4		SE						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from *Gibratlar*towards *Palencia*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Wednesday	day of	8th Sept	1869
1	6		NW	East						
2	6	"								
3	6		SE							
4	6									
5	5									
6	5		NNE	East						
7	5		"							
8	5		"							
9	5		SE							
10	5									
11	5									
12	5									
1	5									
2	5									
3	5									
4	5									
5	5									
6	5		NNE	NE						
7	5		"							
8	5									
9	5									
10	4									
11	4		SE	NE						
12	4		"							

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. In. Lon. by Ob.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Sunday	day of	12 Sept	1869
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
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12										

Monday 13th Sept
all this day fine weather wind from
the East ward all the ships people
on board and attending to ships duty
ship performing a strict quarantine
Ramps and ventilation
attended

Tuesday 14th Sept
all this day pleasant weather all on
board employed at ships duty ship
and people on board performing a strict
quarantine

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Wednesday	day of	15th Sept	1869
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

all this day pleasant weather all the
ships company on board employed at ships
duty and performing a strict quarantine

Thursday 16th
all this day fine weather all the
ships people on board in good health
attending to ships duty and performing
a strict quarantine

Friday 17th Sept
all this day pleasant weather at 5 PM
the boarding and health officers came
along side and on board the ship and
admitted the ship to port. Ordered
the quarantine flag taken down
at 6 PM the crew all came aft to
the Captain telling him their voyage was
ended and they demanded their discharge
he said he could not discharge them there
they wanted to see the Consul he gave them
liberty to do so they immediately went on shore

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Shipped the blockade
before the 1st October

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Saturday	day of	18 Sept	1869
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Sunday 19th Sept
throughout this day fine weather at
2 PM the crew came on board and reported
them salts sent on board by the Consul some of
them drunk and disorderly at 5 PM they
were all on shore without liberty

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Monday	day of	20 Sept	1869
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Monday 20th Sept
fine weather stevedore discharging cargo crew all
on shore cook and steward also on shore without
liberty at 10 AM the crew came on board
to see the Consul who was on board attending the
Survey he told them he had nothing to do with
them as they belonged to the ship and could not
discharge them they all went on shore without

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Tuesday	day of	21 Sept	1869
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

all this day fine weather stevedore at work
the steward and one man B Foster returned to their duty others all
on shore

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Wednesday	day of	1869
1									
2									
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1									
2									
3									

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Saturday	day of	2 Oct	1869
1							all this day	fine weather	4 men	
2							employed	from on shore	Cleaning Ship	
3							Received some	Stores on board		
4							Ship's men	employed ad Ship's		
5							duty			
6										
7										
8										
9										
10										
11										
12										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Tuesday	day of	5th Oct	1869
1							all this day	fine weather	11 of the Seamen	
2							on board	Voluntarily to Ship	duty	
3							2	Caulkers employed all day	Caulking Between	
4							3	Ships people getting	every thing ready for sea	
5							4	John Welch returned on board	To his duty	
6							5			
7							6			
8							7			
9							8			
10							9			
11							10			
12							11			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Thursday	day of	7 Oct	1869
1	4		EAST	SE			Commences with light South			
2	5						Wind and Clear weather all			
3	6						sails set mid 2 hours on board			
4	6						at 8 PM light on the Columbia			
5	6		E NE	SE			bearing N.W. Lat 11 miles from			
6	6						which I take a departure			
7	6									
8	6		E N							
9	5									
10	4		E S	SE						
11	3									
12	3									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Friday	day of	8th Oct	1869
1	2		E S	SE			Commences with light Baffin			
2	2						Winds and clear weather all			
3	2						sails set			
4	2						at 8 PM light on the South			
5	2						Porter Point of the Marion			
6	2						bearing SE dist 10 miles			
7	2						tacked to westward			
8	2						at 11 tacked to south and east			
9	2						ward			
10	2									
11	2									
12	2		SE	SE						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	1		SESE	Easterly		
2	1					Commences with very light
3	1					lapping air and Calm
4	1					weather
5	1					
6	0					Middle part Calm
7	0					
8	0					latter part Calm
9	0					The land in sight
10	0					all day
11	0					
12	0					
						Latitude 39.06°
3	3		SESE	North		
4	2					
5	0					Calm
6	0					
7	0					
8	0					
9	0					
10	0					
11	0					
12	0					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	1		SESE	South		
2	2					Commences with light lapping
3	1					air and Calm weather all day
4	1					set and turned to east at 2 PM
5	1					at 2 PM light Westerly
6	1					Middle part Moderate and variable
7	1					North and Easterly
8	5		SESE	Westerly		
9	5					
10	5					latter part Moderate North and
11	5					Easterly
12	5					all sails set
						Latitude 38.19°
1	5					
2	5					
3	3					
4	3					
5	3					
6	5		SESE	Easterly		
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	5		SESE	East		
2	5					Commences with Moderate and
3	5					Easterly winds all sail set
4	5					at 6 PM fresh from Eastward
5	5					filled the light sails at 8 PM
6	5					Tacked to the North and Eastward
7	5					
8	5		"			W fresh Breeze and head sea
9	6		NESE	ESE		
10	6					latter part fresh Breeze from
11	6					ESE short head sea
12	6					lapping Cloud
						Local air of West
						39.08° N
1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6		ENE	SE		
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	5		ENE	SE		
2	5					Commences with fresh Easterly
3	5					wind head sea several waves
4	5					in sight all steering to Westward
5	5					at 8 PM tacked to the South
6	5					ward
7	5		"			
8	5		SESE			Middle part strong Breezes
9	6					
10	6					latter part the same
11	6					all possible sails set
12	6		"			at 8 PM Tacked to Northward
1	6		SESE			
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6		"			
12	6		"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Wednesday	day of	13th	1869
1	5		NNE	East						
2	5					Commences with fresh Breeze				
3	5					and Cloudy weather short				
4	5					heat sea				
5	5					at 6.30 PM Tacked to the				
6	5					Southward				
7	5									
8	5					Middle part fresh Breeze and				
9	4		SENE	EVE		Much lightning in the East				
10	4					ward				
11	4					at 5 AM Strong Breeze				
12	4					in heavy gusts filled the tops				
1	4					sails Marindie jib Spanker &				
2	4					Broached				
3	4					ends with fresh Breeze and				
4	4					Calms Rainy Cloudy weather				
5	3									
6	3									
7	3					16 Observations				
8	3									
9	3									
10	3									
11	3									
12	3									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Thursday	day of	14th Oct	1869
1	8		SENE	East by		Commences with Scattered rain				
2	8					weather fresh Breeze during				
3	4					The Squalls				
4	5					at 8 PM Tacked to the				
5	5					Northward				
6	5					Middle part Calm				
7	5									
8	5									
9	1		NE	East by		and Baffling rain Squalls				
10	1									
11	1									
12	1									
1	1									
2	1									
3	1									
4	1									
5	2									
6	2									
7	3									
8	4									
9	4									
10	4									
11	4									
12	4									

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. In. Lon. by Ob.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Friday	day of	15th Oct	1869
1	4		EGL	NE by		Commences with light Baffling				
2	4					North Easterly winds and rain squalls				
3	4					at 8 PM weather clear and fine				
4	4					wind hawling to North and west				
5	5					ward, all sails set				
6	5									
7	5					Middle part moderate				
8	5					Breeze and clear weather				
9	5									
10	5									
11	6									
12	6									
1	6									
2	6									
3	6									
4	6									
5	6									
6	6									
7	6									
8	6									
9	6									
10	6									
11	6									
12	6									

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. In. Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Saturday	day of	16th Oct	1869
1						Commences with moderate Breeze				
2						from Westward, all sails set				
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
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12										

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. In. Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from in the Harbor of towards Japan City

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Monday	day of	1869
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

all this day fresh breeze from the southward
Clear weather

Monday 18 Oct
all this day strong gales from N.W.
Stevedores came on board to take the ballast
ought discharged & lighters loaded the land and
sea meeting so the lighters could not lay out
side the ship stevedore and his men all went
on shore ships people at work repairing
making sails and other ships duty 7 men
employed caulking

Tuesday 19 Oct
commenced with light south and easterly
winds stevedore discharging ballast the day
middle and latter part strong SW gales
7 men employed from on shore

Wednesday 20 Oct
all this day strong gales could not
discharge any ballast 5 coulters employed
ship people engaged at ships duty

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Thursday	day of	18
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

all this day strong gales no ballast ought this
day part of ships company employed cleaning
hold for cargo salt the others employed
ship and breaking and repairing sails
finished caulking

Friday 21 Oct
all this day strong westly winds stevedore
worked the day taking out ballast and putting
on board 36 tons salt ship people engaged
as usual 2 men on shore in the hospital

Saturday 22 Oct
all this day fine weather stevedore worked all day
at ballast and took on board 58 tons salt
ships people employed at ships duty

Sunday 24 Oct
all this day fine weather wind southerly
ships company in attendance on board

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

JOURNAL, from towards

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Monday	day of	1869
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

all this day fresh breeze from the southward
taking out ballast and taking on board salt
ships company engaged as usual

Tuesday 26th Oct
all this day fresh breeze from the southward
stevedore finished taking out ballast received 272
tons salt

Wednesday 27th Oct
all this day fresh southward wind received 522
tons salt on board ship company at work with the
stevedore

Thursday 28 Oct
all this day strong SW gales no salt lighters
along side this day

Friday 29 Oct
strong gales from westward very rough sea in
the harbor impossible to get salt lighters along side
ships company employed at ships duty

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Thursday	day of	18
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

all this day fine weather wind light south and
easterly stevedore worked all day at salt
ships people in attendance

Monday 31st Oct
all this day pleasant weather received salt all this day

Tuesday 1 Nov
all this day strong westly gales no salt this day
Wednesday 2d Nov
through this day fine weather south and easterly wind received salt

Thursday 3d Nov
first part of this day moderate southerly worked at salt the day latter part
strong westly gales

Friday 4th Nov
all this day strong westly gales received no salt this day
Saturday 5th Nov
all this day fine weather received salt all day wind southerly

Sunday 6 Nov
all this day fine weather received salt all this day
Monday 7th Nov
all this day pleasant weather received salt all this day
and finished loading cargo of 38017 salines salt ship draft
20 feet 3 inches

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Tuesday	day of	1869
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Wednesday 9th Nov
this day commences with light Easterly airs and cloudy weather at 5 AM Pilot came on board to attend to getting ship underweigh soon after made all sail & trifed the tritition and trimmed all sails to the breeze and proceeded out of the harbor all safe Pilot and all shore men left after the ship was clear of the land ~~the~~ found five scurries stowed away in the cargo of salt set them to work and ships duly stowed anchors made all secure for sea so ends this day which contains 12 hours in order to commence a sea account

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Thursday	day of	1869
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Friday	day of	1869
1	6		Wfd	W Nw					
2	6								
3	6								
4	6								
5	5								
6	5		Wg. Sw	Nw					
7	5								
8	4								
9	4		Wg. S	NWw					
10	4								
11	4								
12	4								
1	4		Wg. N	North					
2	4								
3	5								
4	5								
5	5								
6	5								
7	6								
8	6								
9	7								
10	7								
11	7								
12	7								

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

Bapani

towards Gibaltore

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Sunday	day of	14th Nov	1869
1	6		W N	ESE						
2	8									
3	8									
4	8									
5	8									
6	8									
7	8									
8	8									
9	8									
10	8									
11	8									
12	8									
1	7									
2	6									
3	6									
4	6									
5	6									
6	6									
7	5									
8	5									
9	5									
10	4									
11	4									
12	4									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Mondy	day of	15th Nov	1869
1	4		W N	Easterly						
2	4									
3	4									
4	4									
5	4									
6	5									
7	5									
8	5									
9	5									
10	5									
11	5									
12	5									
1	5									
2	4									
3	4									
4	4									
5	4									
6	4									
7	5									
8	5									
9	6									
10	6									
11	6									
12	6									
	11	11								

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

towards Gibaltore

JOURNAL, from

towards

Tuesday day of 16th Nov 1869

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	4		West	NE		
2	4					
3	4					
4	4					
5	4					
6	4					
7	4		W N	E NE		
8	4					
9	4					
10	4					
11	4					
12	4					
1	4					
2	4					
3	6					
4	6					
5	6					
6	6					
7	6					
8	5					
9	5					
10	5					
11	5					
12	5					

Lat in 90°

36°47' N

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	5		SW	West		
2	5		"			
3	5		NW			
4	5					
5	5					
6	5					
7	3		W SW	North		
8	2					
9	2					
10	1					
11	0					
12						
1						
2						
3						
4						
5						
6						
7	0					
8	3		SW	NE		
9	3					
10	4		W SW			
11	5		SW			
12	5					

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from *Gibraltar*towards *Boston*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Thursday	day of	1869
1	5		W. S. N. N. E. S. E.						
2	5						Commences with Moderate		
3	5						Easterly Wind and passing		
4	5						Clouds all sail set		
5	5								
6	5						Middle part fine Breeze		
7	5						and Clear weather		
8	5						ends with a fine Breeze		
9	5						from Eastward and Clear wea		
10	5		W. S. N. "				all sail set land in		
11	6						light all day		
12	6								
1	6								
2	6								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	6								
10	6		West	E. N. E.					
11	6								
12	6								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Friday	day of	1869
1							Commences with fresh Breezes		
2							from Eastward		
3							at 4 P.M. passed around		
4							The West side of The Rock to		
5							Gibraltar and up The Bay		
6							The wind Blowing down over		
7							The Mountain Whirl wind		
8							and fearfull Gusts at 5 P.M.		
9							a Pilot came on board and		
10							directed the Ship to an Anchorage		
11							Saying there was but 12 fathoms		
12							water where we let the Dicker		
1							go paid out 60 fathoms		
2							Chain but could not bring the		
3							Ship up made sail and came		
4							abre in The Chain after sounding with 15		
5							fathoms line no bottom wind blowing strong		
6							from the E. S. E. and in heavy Gusts, could		
7							not work the Ship up to a safe Anchorage		
8							at 9 P.M. stood to the Southward on wind and		
9							the three lower topsails at 2 A.M. were this		
10							stood to North and Eastward at 5 A.M.		
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

day of

18

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. In. Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Saturday	day of	1869
1	10		N. W. to E. S. E.				Commences with strong Breezes		
2	10						from the E. S. E. and passing		
3	10						Clouds all sail set		
4	10						land in sight		
5	10						at 3 P.M. Cape Trafalgar bearing		
6	10						N.E. dist 15 miles from which to		
7	10						take a departure		
8	10						Midnight fresh Breezes and		
9	10						passing clouds		
10	9						ends with a fine breeze		
11	9						and clear weather all sail		
12	9						set		
1	9						Pumps attended		
2	9								
3	9								
4	8								
5	8								
6	8								
7	8								
8	8								
9	7								
10	7								
11	7								
12	7		" N.E.						

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. In. Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

Gibraltar

towards

Boston

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Tuesday day of 21st October 1869	
1	8		NWgtr	NE		Commences with fresh N.W.		
2	8					and Easterly winds all day		
3	8					Set. heavy sea running		
4	8					from Westward		
5	8							
6	8							
7	8							
8	8							
9	8							
10	8							
11	8							
12	8							
1	8							
2	8							
3	8							
4	8							
5	8							
6	8							
7	8							
8	8							
9	8							
10	8							
11	8							
12	9							
	"	"	"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Monday day of 22d October 1869	
1	9		NWgtr	NE		Commences with fresh breeze		
2	9					and Cloudy weather light		
3	9					sails filled		
4	9							
5	8							
6	8							
7	8							
8	8							
9	8							
10	8							
11	8							
12	8							
1	8							
2	8							
3	8							
4	7							
5	7							
6	7							
7	7							
8	7							
9	7							
10	7							
11	7							
12	7							
"	"	"	"	"				

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

Gibraltar

towards

Boston

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Tuesday day of 23d October 1869	
1	7		West	SW		Commences with Moderate Breeze		
2	7					and Cloudy weather frequent rain		
3	7					Squalls		
4	7							
5	7							
6	8							
7	8							
8	8							
9	8							
10	8							
11	8							
12	8							
"	"	"	"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from *Gibraltar*towards *Boston*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	5		NW	NE		Commences with Moderate Breezes and rain Clouds all Sails set heavy sea running Crossing the Gyre to Roll heavily
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5		SE			Middle part much the same and hauling to the South and East ward
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5		SE			
4	5					
5	5					
6	5					
7	5					
8	5		" South			
9	5					
10	5					
11	6					
12	5	" "	SW			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	6		NW	SW		Commences with Moderate Breezes and rain Syalls all Sails set
2	6					
3	7					
4	7					
5	7					
6	8					
7	8					Middle part fresh breeze filled the light Sails
8	9					
9	9					
10	10					ends with a strong breeze and rainy weather
11	10					
12	10					
1	10					
2	10					
3	10					
4	10					
5	10					
6	10					
7	10					
8	10					
9	10					
10	10					
11	10	" "				
12	10	" "				

No Observations

JOURNAL, from *Gibraltar* towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	9		NW	SW		Commences with a strong Breeze and rainy weather wind from SW
2	9					
3	9					
4	9					
5	8					
6	8					
7	8					
8	8					
9	8					
10	7					
11	7					
12	7					
1	7					
2	6					
3	6					
4	6					
5	6					
6	6					
7	7					
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	8		NW	SW		Commences with a fresh Breeze and passing Clouds
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	9					
9	9					
10	9					
11	9					
12	9					
1	8					
2	7					
3	7					
4	7					
5	7					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
----	----	------------------	----------	--------	---------	----------

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
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JOURNAL, from

Gibraltar

towards

Boston

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	2		North	Westerly		Monday day of 29th Nov 1869
2	1	n				Commences with a strong
3	1	n				and very high irregular sea
4	1	n				wind baffling in sylls for
5	1	n				w NW to the Head Cals -
6	1	n				between the sylls
7	1	n				at 3 PM dead Calm so
8	1	n				Rolling and rocking the
9	2					Ship around at it pleased
10	2					8 PM light air from S
11	2					South ward made all sail
12	2					sails and broad of the wind
1	2					to keep the ship steady
2	2		NW	SSW		Rolling very heavy and
3	2					large quantities of water on
4	3					deck
5	4					Middle part brush the land
6	4					ends with moderate S.W. No
7	5					sea more regular all sail
8	5					Rumps attend
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	7		NW	NW		Tuesday day of 30th Nov 1869
2	7					Commences with moderate
3	8					West winds all sails set
4	8					at 4 PM Breeze freshening
5	8					filled top galant sails and
6	5					all light sails
7	9					Middle part strong breeze and
8	9					flying clouds
9	9					at 3 PM wind shifted suddenly
10	9					to NW in a heavy sea
11	9					Syll filled the upper topsails
12	9					main sail and fit
1	9					
2	9					
3	9		NW	NW		Latter part fresh Bals and lighter
4	4					seas
5	4					Ship head docking to North
6	4					ward under lower topsails
7	4					and fore sail
8	4					Rumps attend
9	3					
10	3					
11	3					
12	3		"	"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

Wednesday day of 1st December 1869

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3		NW	NW		Commences with a strong
2	3					gale from NW. Ship under
3	3					lower topsails and fore sail
4	3					Middle part little more mod
5	3					erate set a reefed main sail
6	3					at mid night wore ship to the
7	3					westward
8	4					very high sea running
9	4					from that westward
10	4					latter part light airs and
11	4					calms all sails set
12	4					
1	4					
2	4					
3	4					
4	4					
5	4					
6	3					
7	3					
8	2					
9	2					
10	2					
11	2					
12	1					

Lat in Glees

48°24'

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	1					Commences with very light
2	1					baffling airs and calms
3	1					all sails set and tried to
4	1					advantage in every breeze
5	1					Middle part calm
6	1					
7	1					
8	1					
9	0					
10	0					
11	0					
12	0					
1	0					
2	0					
3	0					
4	1					
5	2					
6	2					
7	2					
8	3					
9	3					
10	5					
11	6					
12	6					

Lat in

48°26'

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18 69
1	5		NWgk NW					
2	5							
3	5							
4	5							
5	6							
6	6							
7	6							
8	6		NW NWgk					
9	7							
10	7							
11	7							
12	7		" NWgk NW					
1	7							
2	7							
3	7							
4	7							
5	7							
6	7							
7	7							
8	7							
9	7							
10	7							
11	7							
12	7		" "					
1	7							
2	7							
3	7							
4	7							
5	7							
6	7							
7	7							
8	7							
9	7							
10	7							
11	7							
12	7							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18 69
1	5		W NW	SWgk				
2	5							
3	5							
4	5							
5	5							
6	5							
7	5							
8	5							
9	5							
10	5							
11	5							
12	5		" "					
1	5							
2	5							
3	5							
4	5							
5	5							
6	5							
7	5							
8	5							
9	5							
10	5							
11	5							
12	5							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

JOURNAL, from *Gibraltar*towards *Boston*

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Surry	day of 5th Dec 1869
1	5		North	NW				
2	5		W N W				Commences with strong Gales	
3	4						and highly weather	
4	4						at 1 PM more ship to West	
5	4						ward reefed and filled the upper	
6	4						sails and main sail	
7	4						Middle part hale and snow	
8	4						syalls	
9	4						latter part more moderate	
10	4						set all sails	
11	5							
12	5							
1	5							
2	5							
3	5							
4	5							
5	5							
6	5							
7	4							
8	4							
9	4							
10	3							
11	3							
12	2	"	"	"	"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Monday	day of 6th Dec 1869
1	0						Commences with Calm	
2	0						Overcast weather	
3	0						at 5 PM light air from the	
4	0						SSW to SW and turned all	
5	2	W N W	SSW				sails to the breeze	
6	3						Middle part fresh breeze from	
7	6						the SW	
8	6						latter part the same force	
9	6						topgallant sails	
10	7							
11	7							
12	7							
1	6							
2	6							
3	6							
4	6							
5	6							
6	6							
7	7							
8	7							
9	7							
10	7							
11	7							
12	7							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

Tuesday

day of 7th Dec 1869

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,		
1	8		W N W	SW			Commences with fresh breeze and	
2	4						Cloudy overcast weather	
3	8						heavy head sea	
4	8						Middle part rainy thick	
5	8						weather	
6	6						latter part strong gales	
7	8						and rain	
8	8							
9	8							
10	8							
11	8							
12	8							
1	9							
2	9							
3	9							
4	9							
5	9							
6	9							
7	9							
8	10							
9	10							
10	10							
11	10							
12	10							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Wednesday	day of 8 Dec 1869
1	5		W N W	SW			Commences with strong Gales	
2	8		N N W	West			and rain syalls at 30 PM	
3	5						the wind hauled suddenly to	
4	5						west syally	
5	5						at 8 PM were ship to	
6	5						South ward filled the upper	
7	5						topgallants	
8	5						Middle part strong Gales	
9	4						rain and hail syalls	
10	4							
11	3							
12	3							
1	3							
2	3							
3	3							
4	3							
5	3							
6	4							
7	4							
8	4							
9	4							
10	4							
11	4							
12	4							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Station

JOURNAL, from *Gibraltar*towards *Boston*

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	4		<i>Swg Nw</i>			<i>Thursday day of 9 Decr 1869</i>
2	4					Commences forth Moderate
3	4					Gales and high seas run
4	4					from Westward
5	4					
6	4					Middle part more moderate
7	4					Set top gallant sails
8	4					
9	4		<i>N. Nw</i>	<i>Nw</i>		
10	4					latter part light Northw
11	4					winds and clear weather
12	4					all sails set
1	4					
2	5					Perups attended
3	5		<i>Wg S</i>			
4	5					<i>Leatin Gals</i>
5	5					
6	5					<i>4149" N</i>
7	5					
8	6					
9	6		<i>Wg N</i>	<i>North</i>		
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,			
1	6		<i>W Nw</i>	<i>North</i>					
2	6					Commences with light Northw			
3	6					winds and clear weather			
4	6					all sails set			
5	7								
6	8					Middle part the same			
7	8		<i>Wg Nw</i>	<i>NNE</i>					
8	9								
9	9								
10	9								
11	9								
12	9								
1	9								
2	9								
3	9								
4	9								
5	9								
6	9		<i>N E</i>						
7	9								
8	8								
9	8								
10	8								
11	8								
12	8		<i>"</i>	<i>"</i>					

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

Saturday day of 11th Decr 1869

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,
1	9		<i>Nw</i>	<i>N E</i>		Commences with moderate N E
2	9		<i>Ww</i>			Wind and clear weather all sails
3	9					set sea very smooth
4	10					
5	10					Middle part much the same
6	10					
7	10					Wind gradually to North
8	10					and westward
9	10					at Mariana wind light from
10	10					NW all sails trimmed to the
11	10					Breeze
12	10					
1	6		<i>Wg N</i>	<i>North</i>		
2	6					
3	6					
4	6					
5	6		<i>Wg Nw</i>	<i>N Nw</i>		
6	6					
7	5					
8	5					
9	4					
10	4		<i>Wg S</i>	<i>Ng N</i>		
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,			
1	4		<i>Wg N</i>	<i>Nw</i>					
2	4					Commences with light winds			
3	4					from the North and west			
4	4					ward all sails set			
5	4			<i>Nw</i>	<i>West</i>	at 14 Pm took to the N and W			
6	4					Middle part much the same			
7	4								
8	4			<i>Nw</i>	<i>West</i>	Cape Cod Light bearing S E S			
9	4					at 15 miles at midnight			
10	4								
11	5					at 6 Am took to Boston			
12	5					Pilot on board and proceeded in			
1	5					to the Channel all safe			
2	5					took Steam Yacht at the Boston			
3	5					light house and proceeded up against the			
4	5					Ebb Tide it being near low water			
5	5			<i>Adw</i>		The ship touched the bottom some			
6						gently came to anchor at half			
7						Indifference filled all sails and			
8						Made all snug for Harbour			
9						Wind light from South and East			
10						ward very thick and foggy weather			
11						So ends this Logg			
12									

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from *Port of* towards *Boston*

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	Monday	day of	1869
1			Commences with light Easterly winds and foggy weather	at 6 AM	The Gig Boat came along side to tow the Ship to the Dock have up the Anchor and proceeded up to the Dock at East Boston	hauled long side the wharf and made fast steam tug and Pilot left			
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
1									
2									
3									
4									
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6									
7									
8									
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from *Port of* towards

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}K.$	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

Nov 14th opened one Bbl Beef
" 28^d " " " " Beef

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